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Page 1 of 7

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RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/024,450 TIME: 19:02:09

Input Set : A:\Lj5101.txt

Output Set: N:\CRF3\01152002\J024450.raw

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           Chadwick, Robert B.
   7 <120> TITLE OF INVENTION: Methods of Detecting and Treating
          Microsatellite-Instability Positive Tumors Using RIZ
  11 <130> FILE REFERENCE: P-LJ 5101
13 <140> CURRENT APPLICATION NUMBER: US/10/024,450
 13 <141> CURRENT FILING DATE: 2001-12-17
 13 <150> PRIOR APPLICATION NUMBER: US 60/256,582
 14 <151> PRIOR FILING DATE: 2000-12-19
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 41 Arg Gly Leu Pro Glu Glu Val Arg Leu Phe Pro Ser Ala Val Asp Lys
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 45 Thr Arg Ile Gly Val Trp Ala Thr Lys Pro Ile Leu Lys Gly Lys Lys
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 49 Phe Gly Pro Phe Val Gly Asp Lys Lys Lys Arg Ser Gln Val Arg Asn
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 52 aat gtg tac atg tgg gag gtc tac tac cca aat ttg ggg tgg atg tgc
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 53 Asn Val Tyr Met Trp Glu Val Tyr Tyr Pro Asn Leu Gly Trp Met Cys
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 56 att gat gcc acc gat ccg gag aag ggc aac tgg cta cgc tat gtg aac
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 57 Ile Asp Ala Thr Asp Pro Glu Lys Gly Asn Trp Leu Arg Tyr Val Asn
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                                                         100
 60 tgg gct tgc tca gga gaa gag cag aat tta ttt cca ctg gaa atc aac
 61 Trp Ala Cys Ser Gly Glu Glu Asn Leu Phe Pro Leu Glu Ile Asn
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 64 aga gcc att tac tat aaa acc tta aag cca atc gcg cct ggc gag gag
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 65 Arg Ala Ile Tyr Tyr Lys Thr Leu Lys Pro Ile Ala Pro Gly Glu Glu
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76 a	σc	cac	aga	qqq	aaq	aaq	aaa	tca	cac	qaq	aac	aaa	aac	aaa	qqc	atc	702
77 S																	
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85 A																	
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89 P																	
90 2						220					225					230	
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93 A																	
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96 c	ca	caq	cca	gag	gta	gat	ggg	aaa	caa	gaa	gtc	aca	gac	tgt	gag	gtc	942
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			gag	gag				Glu					gaa Glu	gca			1038
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105 0 106 108 0 109 1 110 2	Glu ccg Pro 295	Glu 280 aat Asn	gag Glu gaa	gag Glu agc Ser	Glu tct Ser	Leu gcg Ala 300	Gly 285 aaa Lys	Glu gag	Asp ccg Pro	Gly gag Glu	ato	Glu 290 cgg Arg	gaa Glu Glu Glu Glu Glu	gca Ala gaa Glu	ı Asp ı gaa ı Glı	Met a aag a Lys	
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	Glu	Asp		Asp	Asp	Gly	Lys		Glu	Asn	Val	Thr		Lys	Asp	Glu	
142			425					430					435				1510
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	Asp	ser	Pro	АТа	Trp		Leu	ser	GIY	Arg	_	GIU	Arg	GIU	Thr	-	
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	Trp	_		-	_	-		_				_		_	_		
246	_	840	•				845				_	850		_	_		
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249	Glu	Gly	Lys	Glu	Phe	Lys	Glu	Asn	His	Leu	Ala	Gln	Pro	Ala	Ala	Lys	
250	855					860					865					870	
252	aag	aaa	aaa	cca	acc	acc	tgt	atg	ctt	caa	aag	gtt	ctt	ctc	aat	gag	2814
253	Lys	Lys	Lys	Pro	Thr	Thr	Cys	Met	Leu	Gln	Lys	Val	Leu	Leu	Asn	Glu	
254					875					880					885		
	tat																2862
	Tyr	Asn	Gly		Ser	Leu	Pro	Thr		Thr	Thr	Pro	Glu		Thr	Arg	
258				890					895					900			
	agc																2910
,261	Ser	Pro	Ser	Pro	Cys	Lys	Ser	Pro	Asp	Thr	Gln	Pro	Asp	Pro	Glu	Leu	

RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/024,450 TIME: 19:02:09

Input Set : A:\Lj5101.txt

Output Set: N:\CRF3\01152002\J024450.raw

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		Pro	-		_	_		_			_						2,50
266	O ₁	920		001	001	0,0	925					930	501			0_0	
	at.t.	gtt	aac	cct	tcc	t.ca		cct	ctc	cag	aca		tcc	tta	tcc	tcc	3006
	-	Val								_		-					
	935		U-1			940					945					950	
		cag	cta	cct.	cct		tta	acc	ccc	aca	•	cct	tct	tcc	cct	CCC	3054
		Gln	-								-						
274		0			955					960					965		
	ccc	tgc	cct	cct		tta	act	att	qcc		cca	cca	cct	ccc	ctc	ctt	3102
		Cys															
278		010		970					975					980			
	cca	acc	atc	cct	ctc	tcc	cac	ccc	tct	tct	gat	qcc	tcc	cct	caq	cag	3150
		Thr	_								-	-			-	-	
282			985					990			•		995				
	tat	ccc			ttc	tca	aac	acc	act	qct	caq	tct	cct	ctt	ccc	att	3198
	-	Pro		_						-	_						
286	-1-	1000					1009					1010					
	ctc	tcc		aca	qtq	tct			ccc	tct	ccc	att	cct	cct	qta	gag	3246
		Ser													-		
	1015					1020					1025					1030	
292	cca	ctt	atq	tct	gct	gct	tcc	cct	ggt	ccc	cca	aca	ctt	tct	tcc	tcc	3294
		Leu															
294					1035				-	1040					1045	_	
296	tcc	tct	tct	tcc	tct	tcc	ttc	cct	tcc	tct	tcc	tgc	tcc	tcc	acc	tcc	3342
		tct Ser										_					3342
					Ser					Ser		_			Thr		3342
297 298	Ser		Ser	Ser 1050	Ser	Ser	Phe	Pro	Ser 1055	Ser	Ser	Cys	Ser	Ser 1060	Thr	Ser	3342 3390
297 298 300	Ser ccc	Ser	Ser cca	Ser 1050 ccc	Ser) cct	Ser ctt	Phe tca	Pro gca	Ser 1055 gtg	Ser tca	Ser tct	Cys gtg	Ser gtt	Ser 1060 tcc	Thr) tct	Ser ggg	
297 298 300	Ser ccc	Ser tcc	Ser cca	Ser 1050 ccc Pro	Ser) cct	Ser ctt	Phe tca	Pro gca	Ser 1055 gtg Val	Ser tca	Ser tct	Cys gtg	Ser gtt	Ser 1060 tcc Ser	Thr) tct	Ser ggg	
297 298 300 301 302	Ser ccc Pro	Ser tcc	ser cca Pro 1065	Ser 1050 ccc Pro	Ser) cct Pro	Ser ctt Leu	Phe tca Ser	Pro gca Ala 1070	Ser 1055 gtg Val	Ser tca Ser	Ser tct Ser	Cys gtg Val	Ser gtt Val 1075	Ser 1060 tcc Ser	Thr) tct Ser	ser ggg Gly	
297 298 300 301 302 304	Ser ccc Pro gac	Ser tcc Ser	ser cca Pro 1065 ctg	Ser 1050 ccc Pro gag	Ser) cct Pro gca	Ser ctt Leu tct	Phe tca Ser	Pro gca Ala 1070 cct	Ser 1055 gtg Val gca	Ser tca Ser gta	ser tct ser act	Cys gtg Val ttc	Ser gtt Val 1075 aaa	Ser 1060 tcc Ser cag	Thr) tct Ser gag	ser ggg Gly gag	3390
297 298 300 301 302 304 305 306	Ser ccc Pro gac Asp	tcc Ser aac Asn 1080	Ser cca Pro 1065 ctg Leu	Ser 1050 ccc Pro 5 gag Glu	Ser) cct Pro gca Ala	Ser ctt Leu tct Ser	Phe tca Ser ctg Leu 1085	gca Ala 1070 cct Pro	Ser 1055 gtg Val gca Ala	Ser tca Ser gta Val	ser tct ser act Thr	gtg Val ttc Phe 1090	Ser gtt Val 1075 aaa Lys	Ser 1060 tcc Ser cag Gln	Thr) tct Ser gag Glu	Ser ggg Gly gag Glu	3390
297 298 300 301 302 304 305 306 308	Ser ccc Pro gac Asp	tcc ser aac Asn 1080 gag	cca Pro 1065 ctg Leu)	Ser 1050 ccc Pro gag Glu gaa	Ser cct Pro gca Ala	Ser ctt Leu tct Ser ctg	Phe tca Ser ctg Leu 1085	gca Ala 1070 cct Pro	Ser 1055 gtg Val gca Ala	Ser tca Ser gta Val	ser tct ser act Thr	Cys gtg Val ttc Phe 1090 gcc	gtt Val 1075 aaa Lys)	Ser 1060 tcc Ser cag Gln	Thr tct Ser gag Glu gca	ggg Gly gag Glu ggg	3390
297 298 300 301 302 304 305 306 308	Ser ccc Pro gac Asp	tcc Ser aac Asn 1080	cca Pro 1065 ctg Leu)	Ser 1050 ccc Pro gag Glu gaa	Ser cct Pro gca Ala	Ser ctt Leu tct Ser ctg Leu	tca Ser ctg Leu 1085 aaa Lys	gca Ala 1070 cct Pro	Ser 1055 gtg Val gca Ala	Ser tca Ser gta Val	ser tct ser act Thr	Cys gtg Val ttc Phe 1090 gcc	gtt Val 1075 aaa Lys)	Ser 1060 tcc Ser cag Gln	Thr tct Ser gag Glu gca	ggg Gly gag Glu ggg	3390 3438
297 298 300 301 302 304 305 306 308 309	Ser ccc Pro gac Asp	tcc Ser aac Asn 1080 gag Glu	cca Pro 1065 ctg Leu)	Ser 1050 ccc Pro gag Glu gaa	Ser cct Pro gca Ala	Ser ctt Leu tct Ser ctg	tca Ser ctg Leu 1085 aaa Lys	gca Ala 1070 cct Pro	Ser 1055 gtg Val gca Ala	Ser tca Ser gta Val	ser tct ser act Thr	Cys gtg Val ttc Phe 1090 gcc Ala	gtt Val 1075 aaa Lys)	Ser 1060 tcc Ser cag Gln	Thr tct Ser gag Glu gca	ggg Gly gag Glu ggg	3390 3438
297 298 300 301 302 304 305 306 308 309 310 312	ser ccc Pro gac Asp tca ser 1095 gga	tcc Ser aac Asn 1080 gag Glu cag	cca Pro 1065 ctg Leu) agt Ser	Ser 1050 ccc Pro gag Glu gaa Glu	Ser) cct Pro gca Ala ggt Gly	ctt Leu tct Ser ctg Leu 1100 caa	tca Ser ctg Leu 1085 aaa Lys	gca Ala 1070 cct Pro ccc Pro aca	Ser 1055 gtg Val gca Ala aag Lys	Ser tca Ser gta Val gaa Glu	tct Ser act Thr gag Glu 1105 aaa	Cys gtg Val ttc Phe 1090 gcc Ala aac	gtt Val 1075 aaa Lys) cca Pro	Ser 1060 tcc Ser cag Gln cct Pro	Thr tct Ser gag Glu gca Ala	Ser ggg Gly gag Glu ggg Gly 1110 aat	3390 3438
297 298 300 301 302 304 305 306 308 309 310 312 313	ser ccc Pro gac Asp tca ser 1095 gga	tcc Ser aac Asn 1080 gag Glu	cca Pro 1065 ctg Leu) agt Ser	Ser 1050 ccc Pro gag Glu gaa Glu	Ser cct Pro gca Ala ggt Gly gtc Val	ctt Leu tct Ser ctg Leu 1100 caa Gln	tca Ser ctg Leu 1085 aaa Lys	gca Ala 1070 cct Pro ccc Pro aca	Ser 1055 gtg Val gca Ala aag Lys	ser tca ser gta Val gaa Glu agc ser	tct Ser act Thr gag Glu 1105 aaa Lys	Cys gtg Val ttc Phe 1090 gcc Ala aac	gtt Val 1075 aaa Lys) cca Pro	Ser 1060 tcc Ser cag Gln cct Pro	tct Ser gag Glu gca Ala tgc Cys	Ser ggg Gly gag Glu ggg Gly 1110 aat Asn	3390 3438 3486
297 298 300 301 302 304 305 306 308 310 312 313 314	ccc Pro gac Asp tca Ser 1095 gga Gly	tcc Ser aac Asn 1080 gag Glu cag	cca Pro 1065 ctg Leu) agt Ser agt Ser	Ser 1050 ccc Pro gag Glu gaa Glu gtg Val	Ser cct Pro gca Ala ggt Gly gtc Val	ctt Leu tct Ser ctg Leu 1100 caa Gln	tca Ser ctg Leu 1085 aaa Lys gaa Glu	gca Ala 1070 cct Pro ccc Pro aca Thr	Ser 1055 gtg Val gca Ala aag Lys ttc Phe	tca Ser gta Val gaa Glu agc Ser 1120	tct Ser act Thr gag Glu 1105 aaa Lys	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn	gtt Val 1075 aaa Lys cca Pro ttc	Ser 1060 tcc Ser cag Gln cct Pro att	tct Ser gag Glu gca Ala tgc Cys 1125	ggg Gly gag Glu ggg Gly 1110 aat Asn	3390 3438 3486
297 298 300 301 302 304 305 306 308 310 312 313 314 316	ser ccc Pro gac Asp tca ser 1095 gga Gly	ser tcc ser aac Asn 1080 gag Glu cag Gln tgt	cca Pro 1065 ctg Leu) agt Ser agt Ser	Ser 1050 ccc Pro gag Glu gaa Glu gtg Val	Ser) cct Pro gca Ala ggt Gly gtc Val 1115 cct	ctt Leu tct Ser ctg Leu 1100 caa Gln	tca Ser ctg Leu 1085 aaa Lys gaa Glu	gca Ala 1070 cct Pro ccc Pro aca Thr	Ser 1055 gtg Val gca Ala aag Lys ttc Phe	tca Ser gta Val gaa Glu agc Ser 1120	tct Ser act Thr gag Glu 1105 aaa Lys	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn	gtt Val 1075 aaa Lys Cca Pro ttc Phe	Ser 1060 tcc Ser Cag Gln cct Pro att Ile	tct Ser gag Glu gca Ala tgc Cys 1125 cat	ggg Gly gag Glu ggg Gly 1110 aat Asn	3390 3438 3486
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317	ser ccc Pro gac Asp tca ser 1095 gga Gly	tcc Ser aac Asn 1080 gag Glu cag	cca Pro 1065 ctg Leu) agt Ser agt Ser	Ser 1050 ccc Pro gag Glu gaa Glu gtg Val tcg Ser	Ser cct Pro gca Ala ggt Gly gtc Val 1115 cct Pro	ctt Leu tct Ser ctg Leu 1100 caa Gln	tca Ser ctg Leu 1085 aaa Lys gaa Glu	gca Ala 1070 cct Pro ccc Pro aca Thr	Ser 1055 gtg Val gca Ala aag Lys ttc Phe att	ser tca ser gta Val gaa Glu agc ser 1120 aaa Lys	tct Ser act Thr gag Glu 1105 aaa Lys	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn	gtt Val 1075 aaa Lys Cca Pro ttc Phe	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys	Thr tct Ser gag Glu gca Ala tgc Cys 1125 cat His	ggg Gly gag Glu ggg Gly 1110 aat Asn	3390 3438 3486 3534
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317 318	ccc Pro gac Asp tca Ser 1095 gga Gly gtc Val	ser tcc ser aac Asn 1080 gag Glu cag Gln tgt Cys	cca Pro 1065 ctg Leu) agt Ser agt Ser gaa Glu	Ser 1050 ccc Pro gag Glu gaa Glu gtg Val tcg Ser 1130	Ser cct Pro gca Ala ggt Gly gtc Val 1115 cct Pro	ctt Leu tct Ser ctg Leu 1100 caa Gln ttt Phe	tca Ser ctg Leu 1085 aaa Lys gaa Glu ctt Leu	gca Ala 1070 cct Pro ccc Pro aca Thr	ser 1055 gtg Val gca Ala aag Lys ttc Phe att 1135	ser tca ser gta Val gaa Glu agc ser 1120 aaa Lys	tct Ser act Thr gag Glu 1105 aaa Lys gac Asp	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn cta Leu	gtt Val 1075 aaa Lys cca Pro ttc Phe acc	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys 1140	tct Ser gag Glu gca Ala tgc Cys 1125 cat His	ggg Gly gag Glu ggg Gly 1110 aat Asn tta Leu	3390 3438 3486 3534 3582
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317 318 320	ser ccc Pro gac Asp tca ser 1095 gga Gly gtc Val tcc	ser tcc ser aac Asn 1080 gag Glu cag Gln tgt Cys	Ser cca Pro 1065 ctg Leu) agt Ser agt Ser gaa Glu cat	Ser 1050 ccc Pro gag Glu gaa Glu gtg Val tcg Ser 1130 gct	Ser cct Pro gca Ala ggt Gly gtc Val 1115 cct Pro gaa	ctt Leu tct Ser ctg Leu 1100 caa Gln ttt Phe	tca Ser ctg Leu 1085 aaa Lys gaa Glu ctt Leu	gca Ala 1070 cct Pro ccc Pro aca Thr tcc Ser	Ser 1055 gtg Val gca Ala aag Lys ttc Phe att Ile 1135 ttc	ser tca ser gta Val gaa Glu agc ser 1120 aaa Lys aaa	tct Ser act Thr gag Glu 1105 aaa Lys gac Asp	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn cta Leu gag	gtt Val 1075 aaa Lys cca Pro ttc Phe acc Thr	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys 1140 tgt	tct Ser gag Glu gca Ala tgc Cys 1125 cat His	ggg Gly gag Glu ggg Gly 1110 aat Asn tta Leu	3390 3438 3486 3534
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317 318 320 321	ser ccc Pro gac Asp tca ser 1095 gga Gly gtc Val tcc	ser tcc ser aac Asn 1080 gag Glu cag Gln tgt Cys	Ser cca Pro 1065 ctg Leu) agt Ser agt Ser gaa Glu cat His	Ser 1050 ccc Pro 5 gag Glu gaa Glu gtg Val tcg Ser 1130 gct Ala	Ser cct Pro gca Ala ggt Gly gtc Val 1115 cct Pro gaa	ctt Leu tct Ser ctg Leu 1100 caa Gln ttt Phe	tca Ser ctg Leu 1085 aaa Lys gaa Glu ctt Leu	gca Ala 1070 cct Pro ccc Pro aca Thr tcc Ser ccc	ser 1055 gtg Val gca Ala aag Lys ttc Phe att 1135 ttc	ser tca ser gta Val gaa Glu agc ser 1120 aaa Lys aaa	tct Ser act Thr gag Glu 1105 aaa Lys gac Asp	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn cta Leu gag	gtt Val 1075 aaa Lys cca Pro ttc Phe acc Thr	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys 1140 tgt	tct Ser gag Glu gca Ala tgc Cys 1125 cat His	ggg Gly gag Glu ggg Gly 1110 aat Asn tta Leu	3390 3438 3486 3534 3582
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317 318 320 321 322	ser ccc Pro gac Asp tca Ser 1095 gga Gly gtc Val tcc Ser	tcc Ser aac Asn 1080 gag Glu cag Gln tgt Cys	CCa Pro 1065 Ctg Leu agt Ser agt Ser gaa Glu cat His 1145	Ser 1050 ccc Pro gag Glu gaa Glu yal tcg Ser 1130 gct Ala	ser cct Pro gca Ala ggt Gly gtc Val ll115 cct Pro gaa Glu	ctt Leu tct Ser ctg Leu 1100 caa Gln ttt Phe gag Glu	tca Ser ctg Leu 1085 aaa Lys gaa Glu ctt Leu tgg	gca Ala 1070 cct Pro ccc Pro aca Thr tcc Ser ccc Pro 1150	gca Ala aag Lys ttc Phe att 1135 ttc	tca Ser gta Val gaa Glu agc ser 1120 aaa Lys aaa Lys	tct Ser act Thr gag Glu 1105 aaa Lys gac Asp tgt Cys	cys gtg Val ttc Phe 1090 gcc Ala aac Asn cta Leu gag Glu	gtt Val 1075 aaa Lys cca Pro ttc Phe acc Thr	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys 1140 tgt Cys	tct Ser gag Glu gca Ala tgc Cys 1125 cat His gtg Val	ggg Gly gag Glu ggg Gly 1110 aat Asn tta Leu cag Gln	3390 3438 3486 3534 3582 3630
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317 318 320 321 322 324	ser ccc Pro gac Asp tca Ser 1095 gga Gly gtc Val tcc ser ctg	tcc ser aac Asn 1080 gag Glu cag Gln tgt Cys gtc Val	CCa Pro 1065 Ctg Leu agt Ser agt Ser gaa Glu cat His agg	Ser 1050 CCC Pro gag Glu gaa Glu gtg Val tcg Ser 1130 gct Ala	ser cct pro gca Ala ggt Gly gtc Val 1115 cct pro gaa Glu aag	ctt Leu tct Ser ctg Leu 1100 caa Gln ttt Phe gag Glu act	tca Ser ctg Leu 1085 aaa Lys gaa Glu ctt Leu tgg Trp	gca Ala 1070 cct Pro ccc Pro aca Thr tcc Ser ccc Pro 1150 cta	ser 1055 gtg Val gca Ala aag Lys ttc Phe att 1135 ttc Phe	tca Ser gta Val gaa Glu agc ser 1120 aaa Lys aaa Lys	tct Ser act Thr gag Glu 1105 aaa Lys gac Asp tgt Cys	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn cta Leu gag Glu cga	gtt Val 1075 aaa Lys cca Pro ttc Phe acc Thr ttt Phe 1155	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys 1140 tgt Cys	tct Ser gag Glu gca Ala tgc Cys 1125 cat His gtg Val	ggg Gly gag Glu ggg Gly 1110 aat Asn tta Leu cag Gln	3390 3438 3486 3534 3582
297 298 300 301 302 304 305 306 308 309 310 312 313 314 316 317 318 320 321 322 324	ser ccc Pro gac Asp tca Ser 1095 gga Gly gtc Val tcc ser ctg	tcc Ser aac Asn 1080 gag Glu cag Gln tgt Cys	CCa Pro 1065 Ctg Leu agt Ser agt Ser gaa Glu cat His aag Lys	Ser 1050 CCC Pro gag Glu gaa Glu gtg Val tcg Ser 1130 gct Ala	ser cct pro gca Ala ggt Gly gtc Val 1115 cct pro gaa Glu aag	ctt Leu tct Ser ctg Leu 1100 caa Gln ttt Phe gag Glu act	tca Ser ctg Leu 1085 aaa Lys gaa Glu ctt Leu tgg Trp	gca Ala 1070 cct Pro ccc Pro aca Thr tcc Ser ccc Pro cta Leu	ser 1055 gtg Val gca Ala aag Lys ttc Phe att 1135 ttc Phe	tca Ser gta Val gaa Glu agc ser 1120 aaa Lys aaa Lys	tct Ser act Thr gag Glu 1105 aaa Lys gac Asp tgt Cys	Cys gtg Val ttc Phe 1090 gcc Ala aac Asn cta Leu gag Glu cga	gtt Val 1075 aaa Lys Cca Pro ttc Phe acc Thr ttt Phe 1155 ttt	Ser 1060 tcc Ser Cag Gln cct Pro att Ile aaa Lys 1140 tgt Cys	tct Ser gag Glu gca Ala tgc Cys 1125 cat His gtg Val	ggg Gly gag Glu ggg Gly 1110 aat Asn tta Leu cag Gln	3390 3438 3486 3534 3582 3630

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/024,450

DATE: 01/15/2002 TIME: 19:02:10

Input Set : A:\Lj5101.txt

Output Set: N:\CRF3\01152002\J024450.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date